REBUTTAL TESTIMONY

of

Mike Luth Rate Analyst

Rates Department
Financial Analysis Division
Illinois Commerce Commission

Request for Approval of Revisions to Delivery Services Tariffs and for Approval of Delivery Services Implementation Plan for Residential Customers

Central Illinois Public Service Company, d/b/a AmerenCIPS and Union Electric Company, d/b/a AmerenUE

Docket No. 00-0802

June 20, 2001

Witness Identification

- 1 Q. Please state your name and business address.
- 2 A. Mike Luth, Illinois Commerce Commission, 527 East Capitol Avenue,
- 3 Springfield, Illinois 62701.
- 4 Q. Are you the same Mike Luth who pre-filed direct testimony in this docket, which
- 5 was identified as ICC Staff Exhibit 5.0 with accompanying schedules?
- 6 A. Yes, I am.

Introduction to Testimony

- 7 Q. What is the subject matter of this rebuttal testimony?
- 8 A. There are four major subjects covered in this testimony:
- 9 1) Present the revised results of my analysis of the Cost of Service Studies ("COSS") prepared by Ameren witness Difani (Ameren Exhibit Nos. 9.0, 9.2 and 9.3), which include the effects of any changes in Staff's position on
- revenue requirements for AmerenCIPS and AmerenUE,
- 13 2) Reply to Ameren's comments concerning the difference between Staff
- witness Lazare's testimony and my testimony in allocating General Plant-in-
- 15 Service and Administrative and General Expenses among the
- AmerenCIPS and AmerenUE delivery services rate classes,
- 17 3) Reply to Ameren's continued arguments in support of the Zero-intercept
- method of interclass revenue allocation, and
- 19 4) Comment on the revised unbundled metering rates discussed by Ameren
- witness Difani in his rebuttal testimony (Ameren Exhibit No. 17.0).
- 21 Q. Are you sponsoring any schedules as part of your rebuttal testimony?
- 22 A. Yes, I am.

Schedule 1	Delivery Services Cost of Service Allocation Study
Schedule 2	Delivery Services Rate Design

Both Schedule 1 and Schedule 2 are updates of what I presented in direct testimony, and reflect the changes that I will discuss in this testimony. Schedule 1 and Schedule 2 are prepared individually for CIPS and UE. CIPS schedules are identified by a -CIPS suffix and, similarly, the UE schedules are identified by a -UE suffix.

- Q. What are the differences between the DST rates that you are proposing in this rebuttal testimony and the rates that you proposed in direct testimony?
- 30 A. The following table summarizes the differences between the rates that I am proposing and the rates that the Company is proposing¹:

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Delivery Services Rate Class	С	ompany <u>Rate</u>	St	aff Direct <u>Rate</u>	F	Starr Rebuttal <u>Rate</u>
Residential DS-1 customer charge	\$	17.08	\$	9.35	\$	9.61
Residential DS-1 per-kWh	\$	0.0170	\$	0.0198	\$	0.0199
Secondary General Service DS -2 customer charge	\$	20.00	\$	13.30	\$	13.29
Secondary General Service DS -2 per kWh	\$	0.0141	\$	0.0156	\$	0.0155

¹ Customer charges include metering rates. All Staff rates reflect the difference between Company and Staff proposed delivery services revenue requirement at the time of filing direct testimony and rebuttal testimony.

Delivery Services Rate Class	(Company <u>Rate</u>	s	taff Direct <u>Rate</u>	Staff Rebuttal <u>Rate</u>
Primary General Service DS -2 customer charge	\$	240.00	\$	151.55	\$ 144.17
Primary General Service DS -2 per kWh	\$	0.0115	\$	0.0157	\$ 0.0154
Secondary Large General Service DS-3 customer charge	\$	120.00	\$	141.01	\$ 132.40
Secondary Large General Service DS-3 per kW	\$	4.63	\$	4.6906	\$ 4.6601
Primary Large General Service DS-3 customer charge	\$	242.00	\$	1,019.14	\$ 966.84
Primary Large General Service DS-3 per kW	\$	3.55	\$	3.0747	\$ 3.0579
High Voltage Large General Service DS-3 customer charge	\$ ^	1,271.00	\$ 2	2,092.85	\$ 1,959.55
High Voltage Large General Service DS-3 per kW	\$	2.05	\$	1.2006	\$ 1.2041
138 kV+ Large General Service DS-3 customer charge	\$ 5	5,318.00	\$ 6	6,470.63	\$ 6,673.10
138 kV+ Large General Service DS-3 per kW	\$	0.35	\$	0.2895	\$ 0.2841

33 UE:

Delivery Services Rate Class	,	Company <u>Rate</u>	S	Staff Direct <u>Rate</u>	I	Staff Rebuttal <u>Rate</u>
Residential DS-1 customer charge	\$	16.94	\$	8.65	\$	8.83
Residential DS-1 per-kWh	\$	0.0112	\$	0.0124	\$	0.0128
Secondary General Service DS -2 customer charge	\$	23.43	\$	14.81	\$	14.38
Secondary General Service DS -2 per kWh Large General Service DS -3 customer	\$	0.0091	\$	0.0099	\$	0.0099
charge	\$	161.44	\$	203.29	\$	185.17
Large General Service DS -3 per kW	\$	2.96	\$	3.0135	\$	2.9406

Delivery Services Rate Class	Company <u>Rate</u>	Staff Direct Rate	Staff Rebuttal <u>Rate</u>
Primary Large General Service DS-4 customer charge Primary Large General Service DS-4	\$ 322.07	\$ 1,149.86	\$ 1,095.70
per kW	\$ 1.53	\$ 1.9915	\$ 1.9794
High Voltage Large General Service DS-4 customer charge	\$ 4,189.36	\$ 6,582.10	\$ 6,093.12
High Voltage Large General Service DS-4 per kW	\$ 1.15	\$ 0.5321	\$ 0.5246
138 kV+ Large General Service DS-4 customer charge	\$ 2,339.48	\$ 4,828.71	\$ 4,417.25
138 kV+ Large General Service DS-4 per kW	\$ 0.99	\$ 0.4852	\$ 0.4783

Cost of Service Studies ("COSS")

- Q. Please describe Schedule 1, Delivery Services Cost of Service AllocationStudy.
- A. Schedule 1, Delivery Services Cost of Service Allocation Study presents revisions to the cost of service proposals I presented in direct testimony.

 Schedule 1 is the summary of FERC account-by-account allocation of costs to delivery services rate classes.
- 40 Q. Please describe your proposed revisions to cost of service.
- A. One change is to eliminate costs allocated to the Lighting delivery services
 rate classes associated with FERC account numbers 369-1 and 369-2,
 "Overhead Services" and "Underground Services", and allocate those costs to
 the other secondary delivery service rate classes based upon relative weight
 of those rate classes. The Company has explained to me that costs to the

Lighting classes are direct-charged, and any Services lines to Lighting customers are negligible.

The other changes are the allocation factors for General Plant-in-Service and Administrative and General Expenses ("A & G"). In direct testimony, I allocated General Plant-in-Service to the Ameren delivery services rate classes based upon the overall proportion of Distribution Plant-in-Service allocated to each rate class, and allocated A & G based upon overall distribution Operations and Maintenance Expense. In this rebuttal testimony, I am allocating General Plant-in-Service and A & G based upon the distribution labor allocation factor for each rate class. Distribution-related General Plant-in-Service and A & G distribution labor, so it is reasonable to allocate General Plant-in-Service and A & G distribution costs according to the distribution labor attributable to each delivery service class.

- Q. Were General Plant-in-Service and A & G distribution costs allocated to the
 Ameren delivery service classes according to labor in Docket No. 99-0121,
 which was the previous Ameren delivery services docket?
- A. No, the Order in Docket No. 99-0121 allocated General Plant-in-Service according to the proportion of overall Distribution Plant-in-Service for each delivery service rate class, which was how I allocated General Plant-in-Service in direct testimony in this docket. A & G was allocated according to the

- proportion of overall distribution O & M for each delivery service rate class, which was the method by which I allocated A & G in direct testimony.
- Q. Why did you change the interclass allocation factors for General Plant-in-Service and A & G to distribution labor?
- 71 A. The Commission's Order in Docket No. 99-0121 functionalized General Plant72 in-Service and A & G according to distribution labor. Since distribution labor
 73 from each delivery service rate class makes up the total of distribution labor
 74 used to functionalize General Plant-in-Service and A & G, it is reasonable to
 75 allocate general costs according to the same factor used to functionalize
 76 general costs to distribution.
- 77 Q. Does the change to an interclass distribution labor allocation factor mean that
 78 Staff witness Lazare is now using the same costs for General Plant-in-Service
 79 and A & G to determine a Single Bill Option credit for each delivery services
 80 rate class?
- A. Yes, it does. Since Ameren and I are both using a distribution labor allocation factor to determine General Plant-in-Service and A & G costs charged to each delivery services rate class, Mr. Lazare's analysis begins with the same costs for General Plant-in-Service and A & G for each delivery services rate class.

Zero-intercept interclass revenue allocation

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- 85 Q. Ameren witness Cooper continues to support the zero-intercept method of determining interclass revenue allocation. Are his arguments persuasive?
- A. No, Mr. Cooper's arguments are a rehash of what has been previously presented to the Commission and rejected by the Commission in other dockets, including the Order in Docket Nos. 99-0120/99-0121, which was the previous Ameren delivery services docket.
- 91 Q. What is the major consideration in deciding whether to allocate costs according to the zero-intercept method or by demand?
 - A. The Commission should decide whether it is appropriate to charge the costs for common distribution equipment used to provide utility service based upon the number of connections to the distribution system by a given customer class, or charge according to the demand upon, or use of, the common distribution equipment by a given customer class. If the decision is to base charges upon the number of connections, then the zero-intercept method is appropriate. If the decision is to base charges upon the demand upon, or use of, the common distribution equipment by a given customer class, then a class demand allocation factor is appropriate, as is reflected in the allocation of costs that I am proposing.
- 103 Q. Why do you describe the zero-intercept method as complex, yet vague?

104 A. It is complex because it attempts to categorize costs of common, shared
105 distribution equipment built to serve utility load as having a no-load component
106 and a load (demand) component. It is vague because the purpose of
107 determining the cost of a hypothetical zero-load distribution system is vague.

The steps necessary to complete the zero-intercept method are complex and painstaking. For example, the NARUC Manual analysis of account no. 364 "Poles, Towers, and Fixtures" is conducted as follows:

- Determine the number, investment, and average installed book cost of distribution poles by height and class of pole. (Exclude stubs for guying.)
- Determine minimum intercept of pole cost creating a regression equation, relating classes and heights of poles, and using the Class 7 cost intercept for each pole of equal height weighted by the number of poles in each height category.
- Multiply minimum intercept cost by total number of distribution poles to get customer component.
- Balance of pole investment is assigned to demand component.
- Total account dollars are assigned based on ratio of pole investment. (Transformer platforms in Account 364 are all demand-related. They should be removed before determining the account ratio of customer- and demand-related costs, and then they should be added to demand portion of Account 364.)²

When considering similar instructions for 4 other accounts, the expansiveness of the distribution system, and the extent of the accounting records supporting the construction of the distribution system over many decades, the engineering study necessary to prepare a zero-intercept method cost allocation study is

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² From NARUC Manual, January 1992, pages 92 and 93

enormous. The level of detail required to complete the zero intercept COSS increases the potential for error. Simply stated, it is complex.

As has been discussed in previous Commission Orders in Docket Nos. 90-0007 and 88-0277, a distribution system is built to service demand. It is reasonable to expect that customers are connected in order to receive service, rather than being connected merely to be connected. Since a utility distribution system is constructed to provide service, and customers are connected to receive that service, it is appropriate to charge customers for the use of shared equipment within that distribution system according to their demand upon the distribution system, rather than charging a given customer by the number of connections within that customer's class. For customer-specific equipment, such as meters, it is appropriate to charge customers according to their customer class because that equipment is used by individual customers, and is not shared as part of the common distribution system.

To a large extent, the zero-intercept method attempts to charge customers for shared equipment according to the connections of a given customer class to the distribution system, rather than the demand placed upon the distribution system by that customer class. As described in the National Association of Regulatory Utility Commissioners' Electric Utility Cost Allocation Manual ("NARUC Manual") on page 92, the minimum-intercept (a/k/a zero-intercept) method "seeks to identify that portion of plant related to a hypothetical no-load

or zero-intercept situation." The concept of finding the cost of a no-load distribution system is irrelevant because the purpose of a distribution system is to serve utility demand. Since the concept of a no-load distribution system is irrelevant, the purpose of applying the zero-intercept concept is vague.

Q.

Α.

Ameren witness Cooper describes a situation which he believes demonstrates the necessity of using the zero-intercept method. Are there any factors not built into his example which might affect whether the zero-intercept method accurately depicts the costs of serving a single large customer whose load is the same as the sum of many small customers?

A large customer may be one of only a few customers, if not the only customer, served by the primary voltage distribution line and associated equipment serving that customer. Customer density is higher for a given length of primary distribution line in the residential and commercial areas in Mr. Cooper's example. Under Ameren's proposed zero-intercept method of cost allocation, the residential and commercial customer classes would be responsible for a greater percentage of the investment, operations and maintenance of a similar length of primary distribution line merely because of a greater number of connections, even though the demand on the primary distribution line is the same. This would not be an appropriate result, particularly when considering that further build-out of the primary residential line is more likely given more favorable local environmental factors compared to a large customer with the same demand as the combined residential area customers. Another factor to

consider would be the additional costs of a primary line to a large customer that is longer than the primary line serving the residential areas. These additional factors in considering Mr. Cooper's hypothetical example demonstrate that Mr. Cooper's example is food for hypothetical thought, but should not be considered as representative of the entire, integrated Ameren distribution systems.

In addition, Mr. Cooper's support for the zero-intercept method is somewhat overstated in his example by the inclusion of service lines as additional costs under the Staff demand-based method of interclass cost allocation. Mr. Cooper may have included service lines in his example as a result of a misstatement in the narrative of my direct testimony where I indicate that Overhead and Underground Services account numbers 369.1 and 369.2 were changed from customer-based costs to demand-based costs. The COSS that I presented considered Service lines as customer costs in full, as opposed to the Company's division of Service lines into customer and demand costs. As a customer cost in the Staff COSS, Service lines would not be an additional cost to the single large customer in Mr. Cooper's example. Instead, the additional costs of additional service lines would be based upon customer connections in a given rate class, which would have no effect upon the large customer in Mr. Cooper's example.

Schedule 2 - Rate Design

- 192 Q. Have you made any changes in your design of rates?
- 193 Α. The only change that I made to the basic approach of dividing the COSS result 194 for each rate class by applicable billing units was to reduce the distribution 195 charge per kWh for AmerenCIPS DS-2 Primary below the comparable DS-2 196 Secondary rate. The reduction is not extremely large, but in response to 197 Ameren witness Mill's concerns about rate migration and price signals, I 198 reduced the DS-2 Primary distribution charge and increased the DS-2 199 Secondary distribution charge. This change should help to avoid an incentive 200 to switch delivery voltages from primary to secondary based upon a difference 201 in the distribution charge.

It should also be re-stated here that rates are different to reflect the change in Staff's recommended revenue requirement.

Metering Rates

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- Q. Ameren witness Difani has developed unbundled metering rates based upon the same test year as is being reviewed in this docket for delivery service rates. Have you reviewed Mr. Difani's proposed rates?
- 207 A. Yes, I have reviewed Mr. Difani's proposed unbundled metering rates and believe that the proposed rates are reasonable and consistent with the conclusions reached in the metering unbundling docket no. 99-0013. I have

210 included the revised unbundled metering rates in the determination of delivery 211 services rates on Schedule 2. 212 Mr. Difani's revised unbundled metering rates include the residential DS-1 213 delivery services rate class which is not currently included in the definition of an 214 eligible customer for metering services provided by an alternate provider. The 215 AmerenCIPS and AmerenUE tariff sheets should be revised to include 216 residential DS-1 customers as eligible for an alternative Meter Services 217 Provider, and to separate the combined Delivery Services Customer Charge 218 Rate into a Delivery Services Customer Charge and a Meter Charge. 219 Q. Does this conclude your rebuttal testimony?

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Α.

Yes, it does.

AMERENCIPS DELIVERY SERVICES COST OF SERVICE ALLOCATION STUDY

YEAR: 12 MONTHS ENDED DECEMBER 31, 1999

TITLE: SUMMARY ('000's)

SUMMARY ('000's)										
======	ALLOCATION	CIPS	DS-1	DS-2(sec.)	DS-2(pri.)	DS-3(sec.)	DS-3(pri.)	DS-3(HV)	LTG.	SP. Contract
	BASIS	TOTAL								
1 BASE REVENUE		\$181,490	\$97,942	\$23,680	\$700	\$34,153	\$16,977	\$1,764	\$5,930	\$344
2 OTHER REVENUE		\$6,230	\$3,383	\$891	\$25	\$1,095	\$576	\$63	\$197	\$0
3 OTHER RENTS-IL. ONLY		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4 OTHER RENTS - IL. ONLY		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
5										
6 TOTAL OPERATING REVENUE		\$187,721	\$101,325	\$24,570	\$725	\$35,248	\$17,554	\$1,828	\$6,127	\$344
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8										
9 TOTAL DISTRIBUTION, CUSTOMER, AND A&G EXPE	NSES	\$80,987	\$44,695	\$10,028	\$286	\$15,065	\$7,396	\$789	\$2,605	\$124
O TOTAL DEPRECIATION AND AMMORTIZATION EXPEN	SES	\$35,566	\$18,833	\$4,836	\$142	\$6,707	\$3,344	\$323	\$1,307	\$74
1 REAL ESTATE AND PROPERTY TAXES		\$12,012	\$6,299	\$1,653	\$49	\$2,292	\$1,142	\$109	\$442	\$26
2 INCOME TAXES		\$18,595	\$9,876	\$2,540	\$79	\$3,528	\$1,790	\$191	\$552	\$38
3 PAYROLL TAXES		\$2.171	\$1.232	\$269	<u>\$7</u>	<u>\$373</u>	\$187	<u>\$19</u>	<u>\$80</u>	<u>\$3</u>
4										
5 TOTAL OPERATING EXPENSES		\$149,330	\$80,935	\$19,325	\$563	\$27,965	\$13,859	\$1,432	\$4,986	\$265
6										
7 NET OPERATING INCOME		\$38,390	\$20,390.48	\$5,245.04	\$162.34	\$7,282.96	\$3,694.62	\$395.31	\$1,140.56	\$78.91
8										
9										
0 GROSS PLANT IN SERVICE		\$864,167	\$453,154	\$118,909	\$3,530	\$164,911	\$82,179	\$7,863	\$31,776	\$1,845
1 RESERVES FOR DEPRECIATION		\$380.686	\$197.809	\$51.768	\$1.509	\$72,965	<u>\$35.883</u>	\$3.025	\$16.878	\$848
2										
3 NET PLANT IN SERVICE		483,480	255,344	67,142	2,020	91,946	46,295	4,838	14,898	997
4										
5										
6 MATERIALS & SUPPLIES - FUEL		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 MATERIALS & SUPPLIES -LOCAL		\$7,635	\$3,986	\$1,056	\$31	\$1,465	\$730	\$70	\$281	\$17
8 CASH WORKING CAPITAL		\$4,846	\$2,674	\$600	\$17	\$901	\$443	\$47	\$156	\$7
9 CUSTOMER ADVANCES & DEPOSITS		(\$3,326)	(\$1,015)	(\$1,396)	\$0	(\$744)	(\$170)	\$0	(\$2)	\$0
0 ACCUMULATED DEFERRED INCOME TAXES		(\$98.728)	<u>(\$51.771)</u>	(\$13.585)	<u>(\$403)</u>	(\$18.841)	<u>(\$9.389)</u>	<u>(\$898)</u>	<u>(\$3,630)</u>	<u>(\$211)</u>
1										
2 TOTAL NET ORIGINAL COST RATE BASE		\$393,908	\$209,219	\$53,817	\$1,666	\$74,728	\$37,909	\$4,056	\$11,703	\$810
3										
4 RATE OF RETURN		9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%
	BASE REVENUE OTHER REVENUE OTHER RENTS-IL. ONLY OTHER RENTS-IL. ONLY TOTAL OPERATING REVENUE TOTAL DISTRIBUTION, CUSTOMER, AND A&G EXPE TOTAL DEPRECIATION AND AMMORTIZATION EXPEN REAL ESTATE AND PROPERTY TAXES INCOME TAXES PAYROLL TAXES OTOTAL OPERATING EXPENSES GROSS PLANT IN SERVICE RESERVES FOR DEPRECIATION MATERIALS & SUPPLIES - FUEL MATERIALS & SUPPLIES - LOCAL CASH WORKING CAPITAL CUSTOMER ADVANCES & DEPOSITS ACCUMULATED DEFERRED INCOME TAXES TOTAL NET ORIGINAL COST RATE BASE	BASIS BASE REVENUE OTHER REVENUE OTHER RENTS-IL. ONLY OTHER RENTS - IL. ONLY TOTAL OPERATING REVENUE TOTAL DISTRIBUTION, CUSTOMER, AND A&G EXPENSES TOTAL DEPRECIATION AND AMMORTIZATION EXPENSES REAL ESTATE AND PROPERTY TAXES INCOME TAXES PAYROLL TAXES TOTAL OPERATING EXPENSES OTOTAL OPERATING EXPENSES TOTAL OPERATING EXPENSES MET OPERATING INCOME RESERVES FOR DEPRECIATION MATERIALS & SUPPLIES - FUEL MATERIALS & SUPPLIES - LOCAL CASH WORKING CAPITAL CUSTOMER ADVANCES & DEPOSITS ACCUMULATED DEFERRED INCOME TAXES	BASE REVENUE SIB1,490	BASIS TOTAL BASIS TOTAL S181,490 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$97,942 \$	BASIS TUTAL SI81, 490 S97,942 S23,680 S20,018 S21,018 S21,01	### ALLOCATION CIPS DS-1 DS-2(pci.) DS-2(pci.) DS-2(pci.) ### BASE REVENUE S181.490 S97.942 S23.680 S700 ### COTHER REVENUE S181.490 S97.942 S23.680 S700 ### COTHER REVENUE S6.230 S3.383 S891 S25 ### COTHER REVENUE S0 S0 S0 S0 S0 ### COTHER REVENUE S187.721 S101.325 S24.570 S725 ### COTHER DEPERCIATION, CUSTOMER, AND AGG EXPENSES S30.987 S44.695 S10.028 S286 ### COTHER LEVENUE S187.721 S101.325 S10.028 S286 ### COTHER LEVENUE S187.585 S9.875 S10.028 S286 ### COTHER LEVENUE S187.585 S9.876 S2.450 S146 ### COTHER LEVENUE S12.121 S6.299 S1.653 S49 ### INCOME TAXES S12.012 S6.299 S1.653 S49 ### INCOME TAXES S149.330 S80.935 S19.325 S563 ### AVENUE TAXES S149.330 S80.935 S19.325 S563 ### COTHER REVENUE S149.330 S80.935 S19.325 S563 ### COTHER REVENUE S180.686 S197.809 S1.768 S1.509 ### COTHER REVENUE S180.686 S197.809 S1.768 S1.509 ### AVENUE STOR DEPRECIATION S180.686 S197.809 S1.768 S1.509 ### ANATERIALS & SUPPLIES - FUEL S0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	BASE REVENUE SIRI, 400 S97,942 S23,680 S700 S34,153	DS-2 DS-2 DS-2 DS-2 DS-2 DS-2 DS-2 DS-2 DS-3 DS-3	PART PART	MAISS MAIS

(18)

AmerenCIPS

Delivery Services Rate Design For the pro forma test year ended December 31, 1999 DS-2 DS-2 DS-3 DS-3 Special DS-1 (secondary) (primary) (secondary) (primary) DS-3 (HV) Lighting Contract **Total** Customer Charge \$ 9.461.751 \$ 58.341.15 Total Revenues \$ 35,750,405 \$ 7.380.072 \$ 191.861 \$ 3.966.997 \$ 475.871 \$1.025.288 \$ 88,901 Less: Other Revenues (423.635)(111.669)(3.538)(38.716)(12.097)(5.947)0.003 (595.60)7,268.403 \$ 188.323 \$ 3,954.900 \$1,025.291 Base Revenues \$ 35,326.769 \$ 9,423.034 \$ 469.924 \$ 88.901 \$ 57,745.55 Divided by: Billing Units 3,317,340 492,420 1,176 10.65 14.75 \$ 160.14 \$ 147.16 \$ 1.073.53 \$ 2.175.57 #DIV/0! \$7,408,43 Staff Revenue Requirement Adjustment Factor 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 9.61 13.29 144.17 \$ 132.40 966.84 \$ 1,959.55 #DIV/0! \$6,673.10 Combined Customer Charge \$ \$ \$ Less: Metering Charge (2.57)(4.66)(30.28)(20.93)(48.93)(149.40) (66.52)\$6,523.70 Customer Charge per month 7.04 8.63 \$ 113.89 111.47 \$ 917.91 \$ 1,893.03 #DIV/0! Revenue Recovery \$ 31,879,637 (2) \$ 6,544,262 (2) \$ 169,544 (2) \$ 8,477,837 (2) \$ 3,561,839 (2) \$ 423,263 (2) \$ 80,077 (2) \$ 51,136,458 6,547,138 (3) \$ 169,635 (3) \$ 8,487,959 (3) \$ 3,562,444 (3) \$ 423,292 (3) Staff Customer-related Revenues 31,821,191 (3) \$ \$ 80,079 (3) \$ 51,091,739 Excess/(Deficit) 58,446 (2,876)\$ (91) \$ (10,122) \$ (605)(2) \$ 44,720 Demand Charge \$ 17,190.402 Total Revenues \$ 65,574.820 \$ 533.066 \$25,785.811 \$13,586.512 \$1,351.929 \$5,101.652 \$ 255.341 \$ 129,379.53 (779.164) Less: Other Revenues (2,959.519)(21.800)(1,056.023) (563.926) (57.357)(196.768) (0.080)\$ (5,634.64) Base Revenues \$ 62,615.301 \$ 16,411.238 \$ 511.266 \$24,729.788 \$13,022.585 \$1,294.572 \$4,904.884 \$ 255.261 \$ 123,744.90 Divided by: Billing Units 2,831,848,723 954,270,314 29,584,264 4,780,104 3,836,004 968,422 809,274 0.0221 \$ 5.1735 #DIV/0! \$ 0.3154 \$ 0.0172 \$ 0.0173 \$ 3.3948 \$ 1.3368 Staff Revenue Requirement Adjustment Factor 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) 0.90077 (1) Energy or Demand Charge 0.0199 \$ 0.0155 \$ 0.0154 \$ 4.6601 \$ 3.0579 \$ 1.2041 #DIV/0! \$ 0.2841 per kWh of per kWh of per kWh of per kW of Energy Energy Energy Demand Demand Demand Demand Demand Revenue Recovery 56,353,790 \$ 14,791,190 \$ 455,598 \$22,275,763 \$11,730,117 \$1,166,077 \$ 229,915 \$107,002,448 Staff Demand-related Revenues <u>56,401,803</u> (2) <u>\$ 14,782,704</u> (2) <u>\$ 460,532</u> (2) <u>\$22,275,779</u> (2) <u>\$11,730,316</u> (2) <u>\$1,166,108</u> (2) \$ 229,931 (2) \$107,047,172 Excess/(Deficit) (48,013)8,486 (4,934)(16) (44,724)(17)(200)\$ 21.335.452 \$ 625,142 Customer and Demand Revenue Recovery \$ 88,233,427 \$30,753,599 \$15.291.955 \$1.589.340 \$ 309.992 \$158,138,907 Staff Revenue Requirement \$ 88,222,994 (3) \$ 21,329,842 (3) \$ 630,167 (3) \$30,763,738 (3) \$15,292,760 (3) \$1,589,400 (3) \$ 310,010 (3) \$158,138,911

(1)	Staff Revenue Requirement	\$ 169,092,000
	Divided by: Company Revenue Requirement	\$ 187,720,000
	= Staff Revenue Requirement Adjustment Factor	0.90077

⁽²⁾ Base Revenues x Staff Revenue Requirement Adjustment Factor

Excess/(Deficit)

10,433

5,610

\$ (5,025)

\$ (10,139)

^{(3) = (}Customer-related Base Revenue + Demand-related Base Revenue) x Staff Revenue Conversion Factor

AmerenCIPS Delivery Services Rate Design

For the pro forma test year ended December 31, 1999 DS-2 DS-2 DS-3 DS-3 Special DS-1 (secondary) (primary) (secondary) (primary) DS-3 (HV) Lighting Contract **Total** Customer Costs Rate Base 24,617.51 \$ 5,442.32 \$ 195.21 \$ 2,405.27 \$ 575.38 \$ 340.13 \$ (1.72)\$ 78.79 \$ 33,652.88 0.09746 0.09746 0.09746 0.09746 0.09746 0.09746 ROR 0.09746 0.09746 Net Operating Income 2,399.22 \$ 530.41 \$ 19.02 \$ 234.42 \$ 56.08 \$ 33.15 \$ (0.17)\$ 7.68 \$ 3,279.81 Income Taxes 1,162.08 \$ 256.91 \$ \$ 113.54 \$ 27.16 16.06 \$ (80.0)\$ 3.72 1,588.60 9.21 \$ \$ Operating and Maintenance Expenses 6.592.76 (1) \$ 163.62 (1) \$ 9.113.79 (1) \$ 3.883.76 (1) \$ 426.67 (1) \$ 1.025.54 (1) \$ 77.50 (1) \$ 53,472.74 32,189.10 (1) \$ Total Revenues 7.380.07 \$ 9,461.75 \$ 3,967.00 \$ 475.87 \$ 1,025.29 \$ 58,341.15 35.750.40 \$ 191.86 88.90 \$ **Demand Costs** Rate Base \$ 184,601.48 \$ 48,375.00 \$ 1,470.53 \$ 72,322.40 \$ 37,333.73 \$ 3,716.04 \$11,704.62 \$ 730.92 \$ 360,254.72 ROR 0.09746 0.09746 0.09746 0.09746 0.09746 0.09746 0.09746 0.09746 \$ 143.32 \$ 71.24 \$ \$ 7,048.54 \$ 3,638.55 \$ 362.17 \$ 1,140.73 Return 17,991.26 4,714.63 \$ 35,110.43 Income Taxes 8.714.18 \$ 2.283.56 \$ 69.42 \$ 3.414.00 \$ 1.762.35 \$ 175.42 \$ 552.52 \$ 34.50 \$ 17.005.95 Operating and Maintenance Expenses \$ 38,869.38 \$ 10,192.22 \$ 320.33 \$ 15,323.27 \$ 8,185.61 \$ 814.35 \$ 3,408.40 \$ 149.60 \$ 77,263.15 Total Revenues \$ 65,574.82 17,190.40 \$ 533.07 \$ 25,785.81 \$ 13,586.51 \$ 1,351.93 \$ 5,101.65 \$ 255.34 \$ 129,379.53 Combined Revenue Requirement \$ 101,325.22 24,570.47 \$ 724.93 \$ 35,247.56 \$ 17,553.51 \$ 1,827.80 \$ 6,126.94 \$ 344.24 \$ 187,720.68 (1) Operating and Maintenance Expenses CUSTOMER-- DISTRIBUTION, CUSTOMER AND \$ 28,596.47 \$ 5,750.87 \$ 141.30 \$ 8,600.86 \$ 3,744.60 \$ 386.08 \$ 1,015.74 \$ 67.93 \$ 48.303.87 DEMAND -- DISTRIBUTION, CUSTOMER AND \$ 16,098.04 \$ 32.683.04 \$ 4.276.97 \$ 144.33 \$ 6,463.98 \$ 3,650.93 \$ 403.11 \$ 1,589.35 \$ 56.32 CUSTOMER -- DEPRECIATION AND AMORTIZA \$ 2.205.16 553.01 13.93 267.48 50.76 24.30 3.105.21 \$ \$ \$ 5 64 \$ \$ \$ \$ \$ DEMAND -- DEPRECIATION AND AMORTIZA \$ 16,627.40 4,282.55 \$ 128.12 \$ 6,439.44 \$ 3,293.73 \$ 298.75 \$ 1,307.47 \$ 68.07 32,460.61 CUSTOMER -- NET RATE BASE 24,617.51 \$ 5,442.32 \$ 195.21 \$ 2,405.27 \$ 575.38 \$ 340.13 \$ (1.72)\$ 78.79 \$ 33,548.85 DEMAND -- NET RATE BASE 184,601.48 48,375.00 \$ 1,470.53 \$ 72,322.40 \$ 37,333.73 \$ 3,716.04 \$11,704.62 \$ 730.92 \$ 360,358.76 \$ \$ REAL ESTATE & PROPERTY TAXES 6,298.94 1,652.87 49.06 \$ 2,292.30 \$ 1,142.31 109.30 \$ 441.69 \$ 12,012.12 \$ CUSTOMER 741.16 \$ 167.15 \$ 5.75 \$ 73.78 \$ 17.34 \$ 9.17 \$ (0.06)\$ 2.50 \$ 1,023.06 DEMAND 5,557.79 1,485.72 43.31 2,218.52 \$ 1,124.97 \$ 100.13 \$ 441.76 \$ 23.15 \$ 10,989.06 \$ \$ \$ CUST. -- DISTRIB., CUST. AND A&G LABOR 9,370.42 1,872.14 44.25 2,919.40 1,187.11 121.83 \$ 149.37 \$ 21.12 \$ 15,685.65 8.498.12 2.260.43 3,423.64 \$ 1.057.91 \$ 17,496,17 DEMAND. -- DISTRIB., CUST, AND A&G LABOR \$ 76.59 \$ 1 937 47 211 65 \$ 30.33 \$ \$ \$ \$ PAYROLL TAXES 1,232.46 268.71 373.00 187.05 19.47 79.67 2,171.05 \$ \$ 7.21 \$ \$ \$ \$ \$ 3.49 \$ CUSTOMER \$ 646.32 \$ 121.73 \$ 2.64 \$ 171.67 \$ 71.07 \$ 7.11 \$ 9.86 \$ 1.43 \$ 1,026.30 DEMAND 586.15 69.82 \$ \$ 146.98 \$ 4.57 \$ 201.32 \$ 115.98 \$ 12.36 \$ \$ 2.06 \$ 1.144.76

(2) = Customer + Demand

AMERENUE DELIVERY SERVICES COST OF SERVICE ALLOCATION STUDY YEAR: 12 MONTHS ENDED DECEMBER 31, 1999

TITLE: SUMMARY

TITLE:	SUMMARY									
	======	ALLOCATION	UE	DS-1	DS-2	DS-3	DS-4	DS-4 (HV)	DS-4 (HV-2)	LIGHTING
		BASIS	TOTAL							
1	BASE REVENUE		\$33,835.478	\$15,980.353	\$4,713.160	\$3,729.924	\$5,036.585	\$1,340.201	\$735.621	\$2,299.568
2	OTHER REVENUE		\$416.943	\$324.748	\$44.947	\$14.669	\$17.088	\$4.762	\$2.622	\$8.107
3	OTHER RENTS-IL. ONLY		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
4	OTHER RENTS - IL. ONLY		<u>\$0.000</u>	<u>\$0.000</u>	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
5										
6	TOTAL OPERATING REVENUE		\$34,252.421	\$16,305.101	\$4,758.107	\$3,744.594	\$5,053.673	\$1,344.963	\$738.243	\$2,307.675
7										
8										
9	TOTAL DISTRIBUTION, CUSTOMER, AN	D A&G EXPENSES	\$13,428	\$7,033	\$1,791	\$1,273	\$1,845	\$472	\$262	\$753
10	TOTAL DEPRECIATION AND AMMORTIZA	TION EXPENSES	\$6,515	\$2,933	\$944	\$790	\$970	\$268	\$148	\$462
11	REAL ESTATE AND PROPERTY TAXES		\$3,857	\$1,706	\$564	\$480	\$580	\$162	\$89	\$275
12	INCOME TAXES		\$4,517	\$1,986	\$632	\$524	\$721	\$193	\$105	\$355
13	PAYROLL TAXES		<u>\$370</u>	<u>\$200</u>	<u>\$48</u>	<u>\$31</u>	<u>\$48</u>	<u>\$12</u>	<u>\$7</u>	<u>\$24</u>
14										
15	TOTAL OPERATING EXPENSES		\$28,687	\$13,858	\$3,979	\$3,099	\$4,165	\$1,107	\$609	\$1,870
16										
17	NET OPERATING INCOME		\$5,565	\$2,447	\$779	\$646	\$889	\$238	\$129	\$438
18										
19										
20	GROSS PLANT IN SERVICE		\$150,511	\$66,585	\$22,011	\$18,734	\$22,649	\$6,312	\$3,476	\$10,745
21	RESERVES FOR DEPRECIATION		<u>\$88.139</u>	<u>\$39.257</u>	<u>\$13.023</u>	<u>\$11.323</u>	<u>\$12.850</u>	<u>\$3.678</u>	<u>\$2.046</u>	<u>\$5.960</u>
22										
23	NET PLANT IN SERVICE		62,372	27,328	8,987	7,410	9,799	2,634	1,429	4,785
24										
25			+ 0	+0	+0	+0	+0	+ 0	+ 0	+ 0
26	MATERIALS & SUPPLIES - FUEL		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	MATERIALS & SUPPLIES -LOCAL		\$1,135	\$496	\$167	\$144	\$172	\$48	\$27	\$81
28	CASH WORKING CAPITAL		\$464	\$243	\$62	\$44	\$64	\$16	\$9	\$26
29	CUSTOMER ADVANCES & DEPOSITS		(\$679)	(\$207)	(\$285)	(\$152)	(\$35)	\$0	\$0	(\$0)
30 31	ACCUMULATED DEFERRED INCOME TAXE	S	<u>(\$11.817)</u>	<u>(\$5.228)</u>	<u>(\$1.728)</u>	<u>(\$1.471)</u>	<u>(\$1.778)</u>	<u>(\$496)</u>	<u>(\$273)</u>	<u>(\$844)</u>
31	TOTAL NET ORIGINAL COST RATE BAS	T.	čE1 476	622 621	67 204	\$5,976	60 222	62 202	ė1 100	64 040
32	TOTAL NET URIGINAL COST RATE BAS	E.	\$51,476	\$22,631	\$7,204	٥/ و, د ډ	\$8,222	\$2,203	\$1,192	\$4,048
	RATE OF RETURN		10.811%	10.811%	10.811%	10.811%	10.811%	10.811%	10.811%	10.811%
34	MALE OF RETORN		10.8114	10.0114	10.0114	10.0114	10.0114	10.0114	10.0116	10.0112

AmerenUE Delivery Services Rate Design For the pro forma test year ended December 31, 1999

Line									
No.	Customer Charge	<u>DS-1</u>	<u>DS-2</u>	<u>DS-3</u>	<u>DS-4</u>	DS-4 (HV)	DS-4 (HV 2)	<u>Lighting</u>	<u>Total</u>
1	Total Revenues	\$ 7.033.647	\$ 1.463.838	\$ 716.581 \$	934.765	\$ 259.922	\$ 125.562	\$ 297.045	\$ 10,831.36
2	Less: Other Revenues	(215.699)	(20.539)	(0.988)	(0.603)	(0.198)	(0.040)	(0.005)	(238.071)
3	Base Revenues	\$ 6.817.948	\$ 1,443.300	\$ 715.593		\$ 259.724	\$ 125.522	\$ 297.040	\$ 10,593.29
ŭ	Divided by:	Ψ 0,0111010	Ψ 1,110.000	4 7.10.000		2002	.20.022	<u> </u>	<u> </u>
4	Billing Units	650,688	83,820	3,264	720	36	24		
5	Diming Critics	\$ 10.48	\$ 17.22	\$ 219.24		\$ 7,214.55	\$ 5,230.10		
	Staff Revenue Requireme	•	•=	,	,==	* 1,=1	* 0,=00		
6	Adjustment Factor) 0.84458 (1)	0.84458 (1)	0.84458 (1)	0.84458 (1	0.84458 (1)	
7	Combined Customer Cha	arc \$ 8.83	\$ 14.38	\$ 185.17	1,095.70	\$ 6,093.12	\$ 4,417.25	•	
8	Less: Metering Charge	(3.16)	(5.06)	(13.74)	(61.38)	(203.91)	(53.19)		
						·			
9	Customer Charge per mo	on \$ 5.67	\$ 9.32	<u>\$ 171.43</u>	1,034.32	\$ 5,889.21	\$ 4,364.06		
40	Davisaria Dasarias	Ф F 74F F7F	Ф 4 20E 222	Ф CO420E (700.004	¢ 240.252	¢ 400.044		Ф 0.000 F70
10 11	Revenue Recovery Staff Customer-related Revenues	\$ 5,745,575 \$ 5,758,315 (2	\$ 1,205,332 2) <u>\$ 1,218,984</u> (2)	\$ 604,395 \$) <u>\$ 604,377</u> (2) <u>\$</u>	,	\$ 219,352 \$ 219,358 (2)	\$ 106,014) <u>\$ 106,014</u> (2	1	\$ 8,669,572 \$ 8,696,024
12	Excess/(deficit)	\$ (12,739)	\$ (13,653)	\$ 18 \$, ,	\$ (6)	\$ 100,014 (2	.)	\$ (26,452)
12	Excess/(deficit)	ψ (12,739)	ψ (13,033)	<u>ψ 10</u> <u>ψ</u>	(13)	<u>Ψ (0)</u>	ψ 0		ψ (20,432)
	Demand Charge								
13	Total Revenues	\$ 9,271.454	\$ 3,294.269		4,118.908	\$ 1,085.041	\$ 612.681	\$ 2,010.629	\$ 21,410.37
14	Less: Other Revenues	(109.049)	(24.408)	(13.681)	(16.485)	(4.564)	(2.583)	(8.102)	(178.872)
15	Base Revenues	\$ 9,162.405	\$ 3,269.861	\$ 3,014.331	4,102.423	\$ 1,080.477	\$ 610.099	\$ 2,002.528	\$ 23,242.12
	Divided by:								
16	Billing Units	605,549,000	280,351,000	865,761	1,750,450	1,739,559	1,077,268		
17		\$ 0.0151	\$ 0.0117	\$ 3.4817	2.3437	\$ 0.6211	\$ 0.5663		
	Staff Revenue Requireme								
18	Adjustment Factor	or <u>0.84458</u> (1	0.84458 (1)	0.84458 (1)	0.84458 (1)	0.84458 (1)	0.84458 (1)	
19	Energy or Demand Chard	ge \$ 0.0128	\$ 0.0099	\$ 2.9406 \$	1.9794	\$ 0.5246	\$ 0.4783		
13	Lifelgy of Demand Charg	per kWh of	per kWh of	per kW of	per kW of	per kW of	per kW of		
		Energy	Energy	Demand	Demand	Demand	Demand		
			- 57						
20	Revenue Recovery	\$ 7,751,027	\$ 2,775,475	\$ 2,545,857	3,464,841	\$ 912,573	\$ 515,257		
21	Staff Demand-related Revenues	<u>\$ 7,738,399</u> (2	2) <u>\$ 2,761,665</u> (2)			<u>\$ 912,551</u> (2)		2)	
22	Excess/(deficit)	\$ 12,628	\$ 13,810	<u>\$ 8</u>	9	\$ 22	\$ (21)		
21	Customer and Demand Revenue Recove	erv \$13.496.602	\$ 3.980.807	\$ 3,150,252	4.253.745	\$ 1,131,925	\$ 621.271		\$ 26.634.601
22	Staff Class Base Revenue Requirement	\$13,496,714 (3			4,253,808 (3)			3)	\$ 26,634,598
23	Excess/(deficit)	\$ (112)	\$ 157	\$ 26 \$		\$ 16	\$ (21)	,	\$ 3
	555 (455)	<u>+ (2</u>)	+ 101		(55)	*	- (-1)		
	(1) Staff Revenue Requirement		\$ 28,929,000						
	Divided by: Company Payanua Paguiran		¢ 24 252 450						

Divided by: Company Revenue Requirement \$34,252,458
= Staff Revenue Requirement Adjustment Factor 0.84458

⁽²⁾ Base Revenues x Staff Revenue Requirement Adjustment Factor

^{(3) = (}Customer-related Base Revenue + Demand-related Base Revenue) x Staff Revenue Conversion Factor

AmerenUE Delivery Services Rate Design For the pro forma test year ended December 31, 1999

Line No.			DS-1		DS-2		DS-3			DS-4		DS-4 (HV)		DS-	-4 (HV 2)		Lighting			Total
140.	<u>Customer Costs</u>		<u>DO 1</u>		<u>DO 2</u>		<u>DO 5</u>			DO 4		DO 4 (IIV)		<u> </u>	+ (11V Z)		Lighting			Total
1 2	Rate Base ROR	\$	4,258.01	\$	808.78	\$	187.23		\$	206.37	\$	243.21		\$	88.46	\$	3.56		\$	5,795.62
3	Net Operating Income	\$	0.10811 460.33	\$	0.10811 87.44	\$	0.10811 20.24		\$	0.10811 22.31	\$	0.10811 26.29		\$	0.10811 9.56	\$	0.10811 0.38		\$	626.56
4	Income Taxes	\$	373.66	\$	70.97	\$	16.43		\$	18.11	\$	21.34		\$	7.76	\$	0.31		\$	508.59
5	Operating and Maintenance Expenses	\$	6,199.66	(1) <u>\$</u>	1,305.43	(1) <u>\$</u>	679.91	(1)	\$	894.35	(1) <u>\$</u>	212.28	(1)	\$	108.24	(1) \$	296.35	(1)	\$	9,696.21
6	Total Revenues	\$	7,033.65	\$	1,463.84	\$	716.58		\$	934.77	\$	259.92		\$	125.56	\$	297.05		\$	10,831.36
	Demand Costs																			
7	Rate Base	\$	18,373.45	\$	6,394.80	\$	5,788.39		\$	8,015.27	\$,		\$	1,103.37	\$	4,044.53			
8	ROR	_	0.10811	_	0.10811	_	0.10811		_	0.10811	_	0.10811		•	0.10811	_	0.10811		•	4 000 40
9	Return	\$	1,986.35	\$	691.34	\$	625.78		\$	866.53	\$	211.91		\$	119.28	\$	437.25		\$	4,938.46
10	Income Taxes	\$	1,612.34	\$	561.17	\$	507.95		\$	703.37	\$	172.01		\$	96.82	\$	354.92		\$	4,008.58
11	Operating and Maintenance Expenses	\$	5,672.76	\$	2,041.76	\$	1,894.28		\$	2,549.01	\$	701.12		\$	396.57	\$	1,218.45		\$	14,473.95
12	Total Revenues	\$	9,271.45	\$	3,294.27	\$	3,028.01		\$	4,118.91	\$	1,085.04		\$	612.68	\$	2,010.63		\$	23,421.00
13	Combined Revenue Requirement	\$	16,305.10	<u>\$</u>	4,758.11	\$	3,744.59		\$	5,053.67	\$	1,344.96		\$	738.24	\$	2,307.67		\$	34,252.36
	(1) Operating and Maintenance Expenses																			
4.4		•	5 455 04	•	4 000 50	•	500.00		•	000.70	•	470.77		Φ.	00.00	•	000.40		•	0.000.00
14 15	CUSTOMER DISTRIBUTION, CUSTOMER AND A&G DEMAND DISTRIBUTION, CUSTOMER AND A&G	\$ \$	5,155.84 1.877.05	\$ \$	1,083.56 707.84	\$ \$	589.33 683.54		\$ \$	838.76 1,006.42	\$ \$	173.77 297.86		\$ \$	93.63 167.89	\$ \$	293.40 459.32		\$ \$	8,228.29 5,199.99
16	CUSTOMER DEPRECIATION AND AMORTIZATION	\$	583.33	\$	131.56	\$	62.60		\$	21.28	\$	17.94		\$	6.59	\$	0.29		\$	812.03
17	DEMAND DEPRECIATION AND AMORTIZATION	\$	2,349.67	\$	812.33	\$	727.43		\$	948.39	\$	250.19		\$	141.07	\$	462.01		\$	5,702.63
18	CUSTOMER NET RATE BASE	\$	4,258.01	\$	808.78	\$	187.23		\$	206.37	\$	243.21		\$	88.46	\$	3.56		\$	5,721.56
19	DEMAND NET RATE BASE	\$	18,373.45	\$	6,394.80	\$	5,788.39		\$	8,015.27	\$	1,960.12			1,103.37	\$	4,044.53			45,754.00
20	REAL ESTATE & PROPERTY TAXES	\$	1,706.34	\$	564.06	\$	480.08		\$	580.42	\$	161.77		\$	89.07	\$	275.36		\$	3,857.10
21	CUSTOMER	\$	321.04	\$	63.33	\$	15.04		\$	14.57	\$	17.86		\$	6.61	\$	0.24		\$	428.72
22 23	DEMAND	Ф	1,385.30 1,968.75	\$ \$	500.73 416.14	\$ \$	465.04 218.05		\$ \$	565.85	\$ \$	143.91 44.13		\$ \$	82.46 22.87	\$ \$	275.12 37.00		\$ \$	3,428.38 3,024.97
23 24	CUST DISTRIB., CUST. AND A&G LABOR DEMAND DISTRIB., CUST. AND A&G LABOR	\$	857.54	\$	321.75	\$ \$	307.90		ъ \$	318.03 456.86	ъ \$	148.34		ъ \$	83.61	\$	37.00		\$	2.512.11
25	PAYROLL TAXES	\$	200.18	\$	47.84	\$	31.20		\$	48.09	Ф \$	11.89		\$	6.57	\$	24.43		\$	370.20
26	CUSTOMER	\$	139.44	\$	26.98	\$	12.94		\$	19.74	\$	2.73		\$	1.41	\$	2.42		\$	202.25
27	DEMAND	\$	60.74	\$	20.86	\$	18.27		\$	28.36	\$			\$	5.16	\$	22.01		\$	167.96